

LISTING OF THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

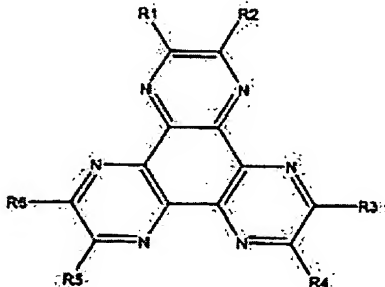
Listing of Claims:

1. (Previously Presented) An electroluminescent device, comprising:

a cathode;

an anode opposing the cathode, the anode comprising a material selected from a group consisting of aluminum and silver; and

a functional layer located between the anode and cathode, the functional layer comprising a chemical compound of Formula I:



Formula I,

wherein R1-R6 are independently chosen from the group consisting of hydrogen, halo, nitrile ($-\text{CN}$), nitro ($-\text{NO}_2$), sulfonyl ($-\text{SO}_2\text{R}$), sulfoxide ($-\text{SOR}$), sulfonamide ($-\text{SO}_2\text{NR}$), sulfonate ($-\text{SO}_3\text{R}$), trifluoromethyl ($-\text{CF}_3$), ester ($-\text{CO}-\text{OR}$), amide ($-\text{CO}-\text{NHR}$ or $-\text{CO}-\text{NRR}'$), straight-chain or branched (substituted or unsubstituted) $\text{C}_1\text{-C}_{12}$ alkoxy, straight-chain or branched (substituted or unsubstituted) $\text{C}_1\text{-C}_{12}$ alkyl, aromatic or non-aromatic (substituted or unsubstituted) heterocyclic, substituted or unsubstituted aryl, mono- or di-(substituted or

unsubstituted)arylamine, and (substituted or unsubstituted)alkyl-(substituted or unsubstituted)arylamine.

2. (Previously Presented) The device of Claim 1, wherein the material has a work function ranging from about 3.5 eV to about 4.5 eV.

3. (Original) The device of Claim 1, wherein the chemical compound has a reduction potential ranged from about -0.6V to about 0 V.

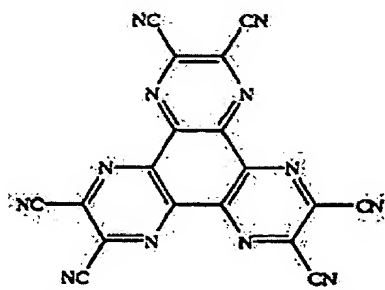
4. (Canceled)

5. (Canceled)

6. (Canceled)

7. (Original) The device of Claim 1, wherein the chemical compound is Formula Ia:

Formula Ia.



8. (Canceled)

9. (Previously Presented) The device of Claim 1, wherein the functional layer contacts the anode.

10. (Previously Presented) The device of Claim 1, wherein the anode is made of one or more conductive materials, and wherein the device further comprises an intervening layer between the functional layer and the anode.

11. (Original) The device of Claim 10, wherein the intervening layer comprises one or more metallic oxides.

12. (Original) The device of Claim 1, wherein the functional layer comprises the chemical compound of Formula I in an amount ranging from 1 wt% to 100 wt%.

13. (Original) The device of Claim 1, wherein the functional layer has a thickness from 0.1 nm to 10,000 nm.

14. (Original) The device of Claim 1, further comprising a light-emitting layer between the cathode and the functional layer.

15. (Original) The device of Claim 1, further comprising a substrate, wherein the anode is located between the substrate and the functional layer.

16. (Original) The device of Claim 1, wherein the anode comprises a transparent material.

17. (Original) The device of Claim 1, wherein the anode comprises a metal oxide material.

18. (Original) The device of Claim 1, further comprising a substrate, wherein the cathode is located between the substrate and the functional layer.

19. (Original) The device of Claim 1, wherein the cathode comprises a transparent material.

20. (Original) The device of Claim 1, wherein the anode comprises an opaque material.

21. (Original) The device of Claim 1, wherein the anode comprises a reflective material having a reflectivity from about 0.3 to about 1.

22. (Original) The device of Claim 21, wherein the reflective material is reflective to substantially all wavelengths of visible light.

23. (Canceled)

24. (Original) The device of Claim 1, wherein the anode comprises aluminum.

25. (Original) A display comprising:

the electroluminescent device of Claim 1; and

an electronic circuit connected to the electroluminescent device.

26-45. (Canceled)

46. (Previously Presented) The device of Claim 1, wherein the functional layer comprises:

an anode contacting layer contacting the anode between the anode and cathode;

a cathode contacting layer contacting the cathode between the anode and cathode; and

means for forming a virtual electrode within at least one of the anode contacting layer and the cathode contacting layer.